Form 3160-3 (July 1992)

TYPE OF WORK

TYPE OF WELL

APPROVED BY

DRILL 2

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

DEEPEN 🗆

SUBMIT IN TRIPLICATE*

FORM APPROVED

OMB NO. 1040-0136 Expires; February 28, 1995

5.	LEASE	DESIGNATION AND SERIAL	NO.
		HTH.72624	

UTU-7	72634		
6. IF INDIAN, ALLOTTEE	OR TRIBE NAME		
N/	Α		
7. UNIT AGREEMENT NAN	IE		
N/	Α		
8. FARM OR LEASE NAME	, WELL NO.		
 NBE 11CI	D-17- 9 -23		
9.API NUMBER:			
 43-00	N39350		
10. FIELD AND POOL, OR WILDCAT			
 NATURAL BUTTES			
11. SEC.,T, R, M, OR BLK	& SURVEY OR AREA		
 SEC. 17, T9S,	R23E SLB&M		
12. COUNTY OR PARISH	13. STATE		
Uintah	UT		
17. NO. OF ACRES ASSIG	NED TO THIS WELL		
	_		
20	J		

Ø SINGLE **OIL WELL GAS WELL** OTHER 2. NAME OF OPERATOR Contact: Jan Nelson QUESTAR EXPLORATION & PRODUCTION CO. E-Mail: jan.nelson@questar.com 3. ADDRESS Telphone number 1571 E. 1700 S. Vernal, Ut 84078 Phone 435-781-4032 Fax 435-781-4045 4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 640464X 1416' FSL 1601' FWL, NESW, SECTION 17, T9S, R23E At proposed production zone 4432472 \ 40.032679 14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE 20 + / - SOUTHEAST OF OURAY, UTAH 16.NO.OF ACRES IN LEASE 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE. FT. (also to nearest drig, unit line if any) 1760.00 1416' +/-18.DISTANCE FROM PROPOSED location to nearest well, drilling, 19. PROPOSED DEPTH 20. BLM/BIA Bond No. on file ESB000024 completed, applied for, on this lease, ft 14,185' 639' +/-23. Estimated duration 21. ELEVATIONS (Show whether DF, RT, GR, ect.) 22. DATE WORK WILL START 4907.9' GR **ASAP** 20 days 24. Attachments The following, completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an exisiting bond on file (see 2. A Drilling Plan Item 20 above). 3. A surface Use Plan (if location is on National Forest System Lands, 5. Operator certification. the SUPO shall be filed with the appropriate Forest Service Office). 6. Such other site specific information and/or plans as may be required by the authorized officer. SIGNED Name (printed/typed) Jan Nelson 5/29/2007 TITL Regulatory Affairs 13-047-39350 PERMIT NO. ENVIRONMENTAL MANAGER

> *See Instructions On Reverse Side Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

> > or fraudulent statements or representations as to any mater within its jurisdiction

Federal Approval of this Action is Necessary

RECEIVED JUN 08 2007

DIV. OF OIL, GAS & MINING

T9S. R23E. S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, NBE #11CD-17-9-23, located as shown in the NE 1/4 SW 1/4 of Section 17, T9S, R23E, S.L.B.&M., Uintah County, Utah

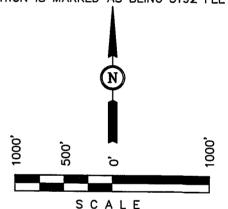
N89°58'11"W — 2584.09' (Meas.)

W.C.
1977 Brass Cap
Inside Pile of Stones
0.5' High, Mound

of Stones

BASIS OF ELEVATION

BENCH MARK (57 EAM) LOCATED IN THE NE 1/4 NE 1/4 OF SECTION 29, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5192 FEET.



S C A L E CERTIFICATE

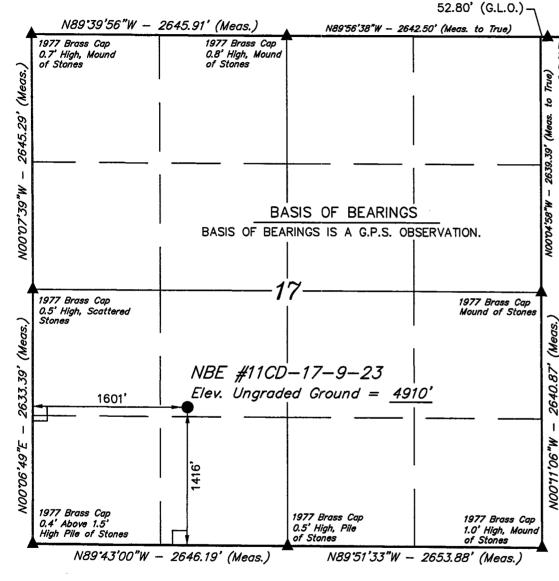
THIS IS TO CERTIFY THAT THE ABOVE TO THE PROMETED FROM FIELD NOTES OF ACTUAL SURVEY FOR BY ME OR AND MY SUPERVISION AND THAT THE SAME ARE MORE AND CONTROL TO THE BEST OF MY KNOWLEDGE AND BELLIFIED

POSTERED UND SUPPLE MARKET MAR

REVISED: 04-18-07 C.H.

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

1" = 1000'	DATE SURVEYED: 01-31-07	DATE DRAWN: 02-15-07	
D.A. B.M. P.M.	REFERENCES G.L.O. PLAT		
WEATHER COLD	FILE QUESTAR EXF	PLR. & PROD.	



LEGEND:

_ = 90° SYMBOL

■ = PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83) LATITUDE = 40°01'57.48" (40.032633)

LONGITUDE = 109'21'16.28" (109.354522) (AUTONOMOUS NAD 27)

LATITUDE = $40^{\circ}01^{\circ}57.60^{\circ}$ (40.032667)

LONGITUDE = 109'21'13.83" (109.353842)

Additional Operator Remarks

Questar Exploration & Production Company proposes to drill a well to 14,185' to test the Dakota. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Questar Exploration & Prodcution Company Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields on Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Please see Onshore Order No. 1.

Please be advised that Questar Exploration & Production Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is Questar Exploration & Production company via surety as consent as provided for the 43 CFR 3104.2.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

<u>Formation</u>	<u>Depth</u>
Uinta	Surface
Green River	1,440'
Wasatch	4,675'
Mesaverde	6,660'
Sego	9,030'
Castlegate	9,175°
Mancos Shale	9,715'
Dakota	13,785'
TD	14,185'

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	<u>Depth</u>
Gas	Wasatch	4,675'
Gas	Mesaverde	6,660'
Gas	Mancos Shale	9,715'
Gas	Dakota	13,785

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

DRILLING PROGRAM

3. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi double gate, and 3,000 psi annular BOP (schematic attached) to 9,800' or intermediate casing point. 10,000 psi double gate, 10,000 psi single gate, and 10,000 psi annular BOP (schematic attached) below intermediate casing point.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M and 10M system and individual components shall be operable as designed.

4. <u>Casing Design:</u>

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.
17-1/2""	14"	sfc	40'	Steel	Cond.	None	Used
12-1/4"	9-5/8"	sfc	2,000'	36.0	J-55	STC	New
8-3/4"	7"	sfc	9,800'	26.0	HCP-110	LTC	New
6-1/8"	4-1/2"	sfc	500'	15.1	P-110	LTC	New
6–1/8"	4-1/2"	500'	13,500°	13.5	P-110	LTC	New
6-1/8"	4-1/2"	13,500'	14,185'	15.1	P-110	LTC	New

Casing S	trengths:			Collapse	Burst	Tensile (minimum)
9-5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	HCP-110	LTC	7,800 psi	9,950 psi	693,000 lb.
4-1/2"	13.5 lb.	P-110	LTC	10,680 psi	12,410 psi	338,000 lb.
4-1/2"	15.1 lb.	P-110	LTC	14,350 psi	14,420 psi	406,000 lb.

DRILLING PROGRAM

MINIMUM DESIGN FACTORS:

COLLAPSE: 1.125 BURST: 1.00 TENSION: 1.80

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Area Fracture Gradient: 0.9 psi/foot Maximum anticipated mud weight: 13.4 ppg Maximum surface treating pressure: 8,500 psi

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit - no

- C. Monitoring equipment on the mud system visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Rotating Head yes
 If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 13.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

DRILLING PROGRAM

6. Testing, logging and coring program

- A. Cores none anticipated
- B. DST none anticipated
- C. Logging Mud logging 3000' to TD GR-SP-Induction, Neutron, Density
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
 Stimulation Stimulation will be designed for the particular area of interest as encountered.

7. <u>Cementing Program</u>

20" Conductor:

Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 2,000' (MD)

Lead Slurry: 0' - 1,700'. 365 sks (1075 cu ft) Rockies LT cement + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 2.94 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess. **Tail Slurry:** 1,700' - 2,000'. 150 sks (185 cu ft) 50/50 Poz Premium AG + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 11.5 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: sfc - 9,800' (MD)

Lead Slurry: 0' – 4,800'. 250 sks (965 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft³/sk, Slurry volume: 8-3/ 4" hole + 50% excess in open hole section.

Tail Slurry: 4,800' – 9,800'. 910 sks (1130 cu ft) 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 8-3/4" hole + 50% excess.

4-1/2" Production Casing: sfc - 14,185' (MD)

Lead Slurry: 0' - 4,800'. 130 sks (500 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft³/sk, Slurry volume: 4-1/2" casing inside 7" casing.

Tail Slurry: $4,800^{\circ} - 14,185^{\circ}$. 1060 sks (1315 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 6-1/8" hole + 20% excess in open hole section.

DRILLING PROGRAM

*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

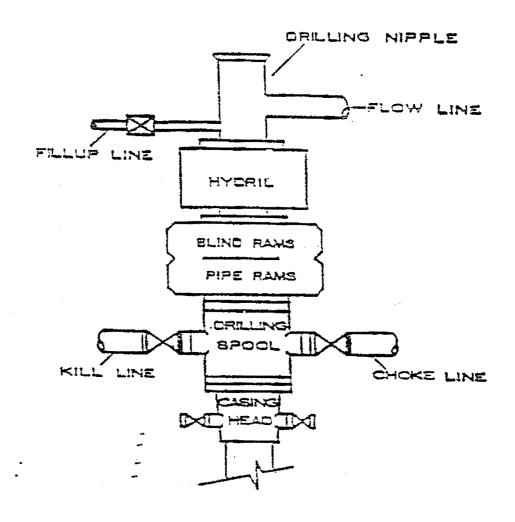
No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 9,900 psi. Maximum anticipated bottom hole temperature is 250° F.

16,4

DRILLING PROGRAM

SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK

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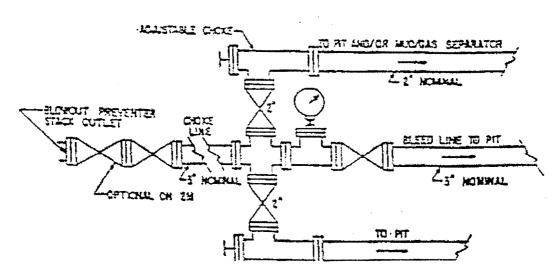
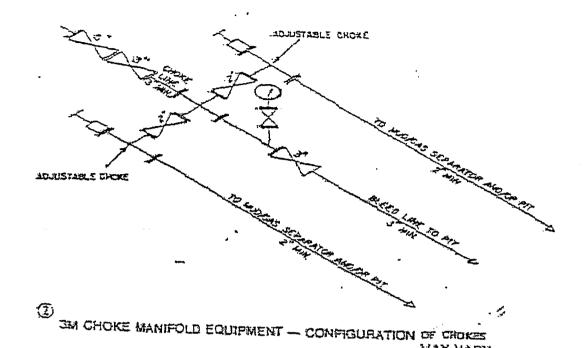
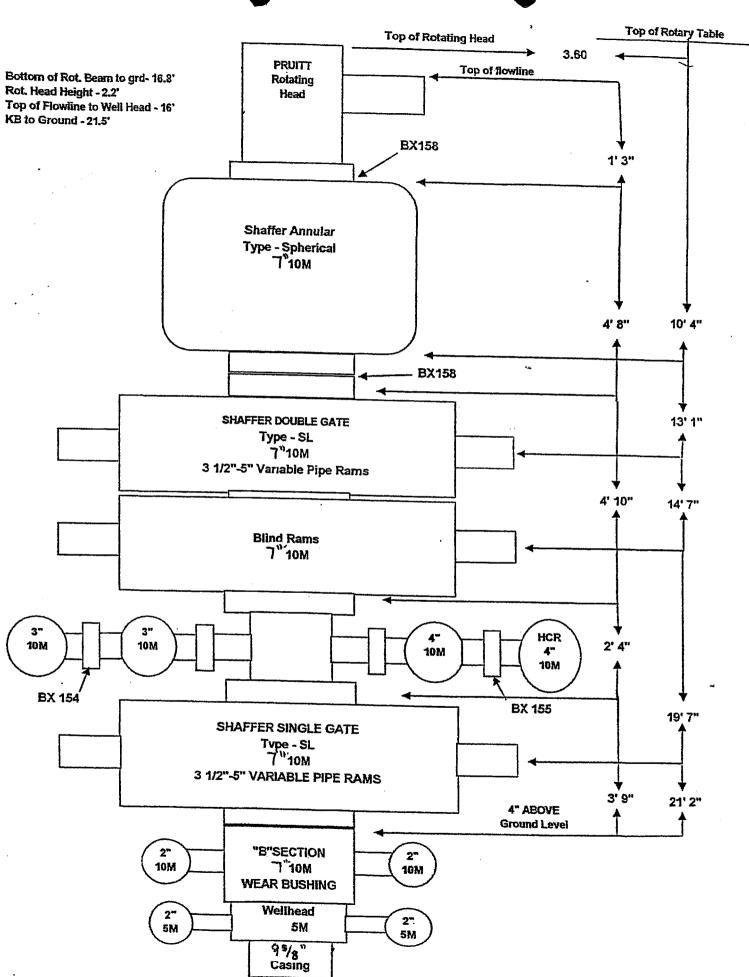


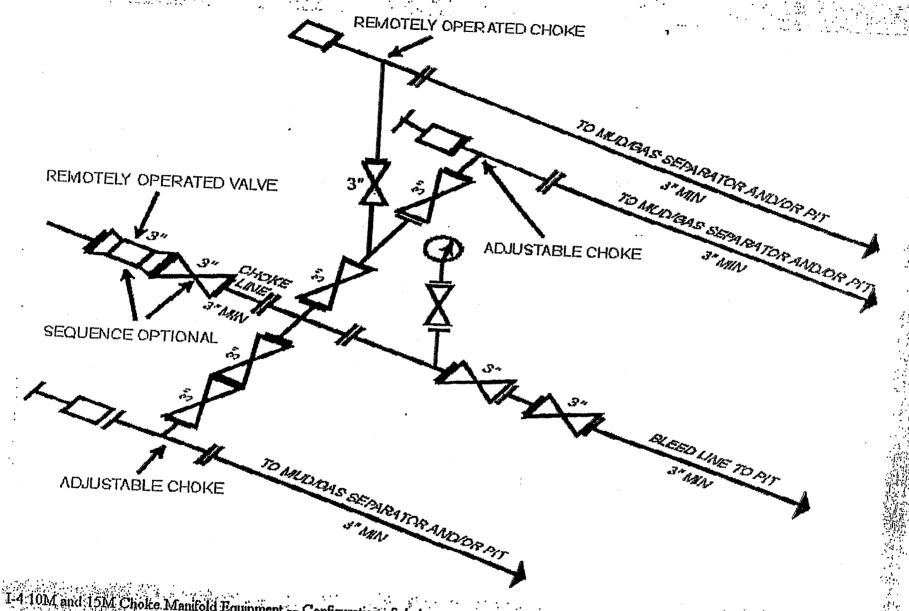
EXHIBIT A CONTINUED

Federal Register / Vol. 53. No. 223 / Friday, November 16, 1988 / Rules and Regulations 46312



MAY VARY





I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary [341]R39328; Sept. 27; 1989]

QUESTAR EXPLORATION & PRODUCTION CO. NBE 11CD-17-9-23 1416' FSL 1601' FWL NESW, SECTION 17, T9S, R23E UINTAH COUNTY, UTAH LEASE # UTU-72634

ONSHORE ORDER NO. 1

MULTI - POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBE 11CD-17-9-23 on 4-10-07. Weather conditions were cold & windy at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler

Bureau of Land Management

Amy Torres

Bureau of Land Management

Jan Nelson

Questar Exploration & Production, Co.

1. Existing Roads:

The proposed well site is approximately 20 miles southeast of Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing roads.

2. Planned Access Roads:

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

Location of Existing & Proposed Facilities:

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

Pipeline will be 6" or smaller.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Carlsbad Canyon.

5. <u>Location and Type of Water Supply:</u>

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

6. Source of Construction Materials:

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

7. Methods of Handling Waste Materials:

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

A Evaporating System will be used to evaporate the reserve pits.

8. Ancillary Facilities:

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Plans for Reclamation of the Surface:

Please see Questar Exploration & Production company Standard Operating Practices dated October 18, 2005, for Mesa Verde formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 & 09 South, Ranges 21 to 25 East.

Interim Reclamation

Please see attached Interim Reclamation plan.

Once the well is put onto production, Questar Exploration & Production Company will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring and fall of each year to allow winter precipitation to aid in the success of reclaimation.

Seed Mix:

Interim Reclamation:
9 lbs Hycrest Crested Wheat
3 lbs. Forage Kochia

Final Reclamation:

Seed Mix # 5

4 lbs. Gardner Saltbush, 4 lbs. Shadscale, 4 lbs. Hycrest crested Wheat

11. Surface Ownership:

The well pad and access road are located on lands owned by: Bureau of Land Management 170 South 500 East Vernal, Utah 84078

12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleoontologist should be immediately notified. Questar Exploration & Production Company will provide paleo monitor if needed.

After reserve pit is closed construct a 2' berm south side of location. Maintain ditches throughout the life of the well.

No Drilling or construction will take place during the Pronghorn season May 10 thru June 20.

QUESTAR EXPLORATION & PRODUCTION, CO. Request for Exception to Buried Pipeline For NBE 11CD-17-9-23

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: "As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation." QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

Class IV VRM

- This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

Environmental and Safety Concerns

- Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- The additional surface disturbance will increase the risk of disturbing paleontological sites.

Operational and Mechanical Concerns for Gas Lines

- Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in "freeze boxes" or "valve boxes". Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

Lessee's or Operator's Representative:

Jan Nelson Red Wash Rep. Questar Expl. & Prod. Co. 1571 E. 1700 S. Vernal, Utah 84078 (435) 781-4032

Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

Questar Exploration & Production company will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Questar Exploration & Production Company it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Jan Nelson

Red Wash Representative

29-May-07

Date

QUESTAR EXPLR. & PROD.

NBE #11CD-17-9-23

LOCATED IN UINTAH COUNTY, UTAH SECTION 17, T9S, R23E, S.L.B.&M.

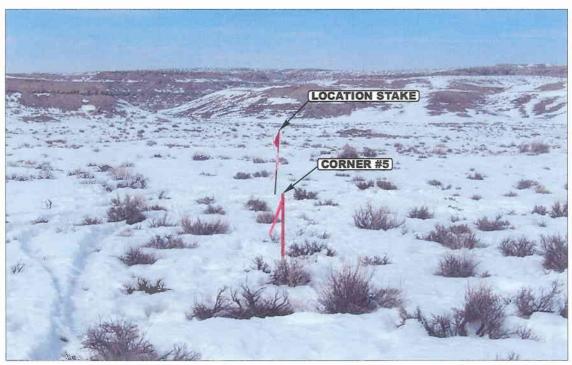


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



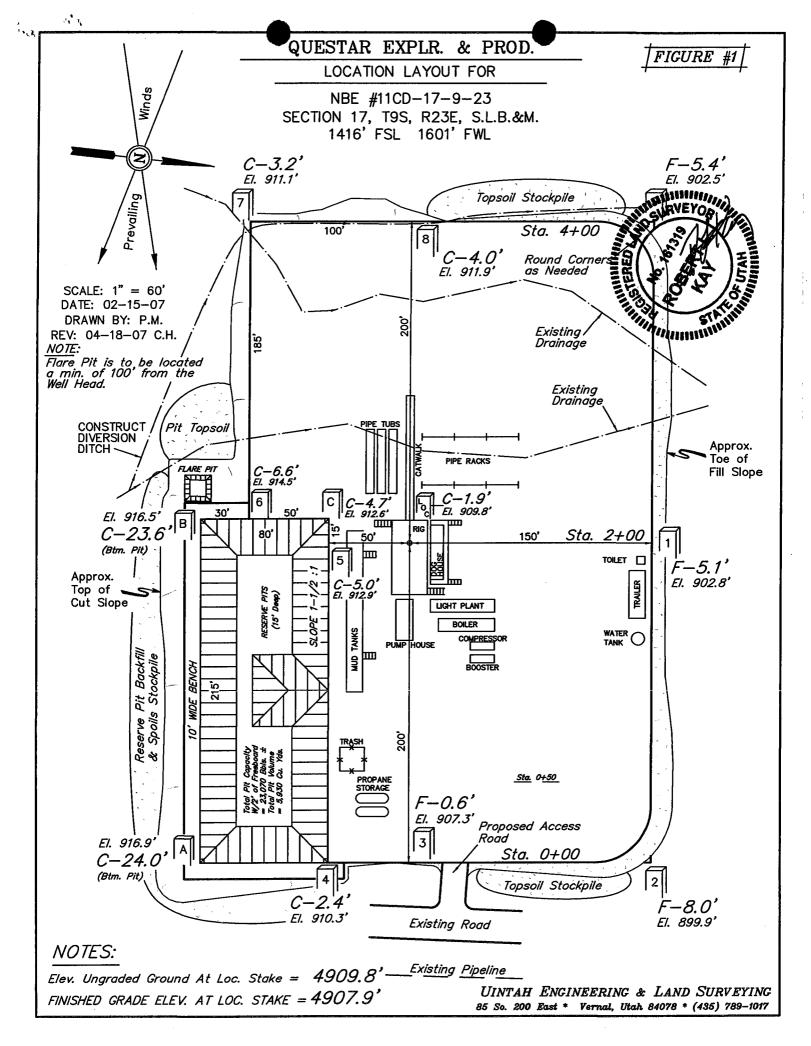
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

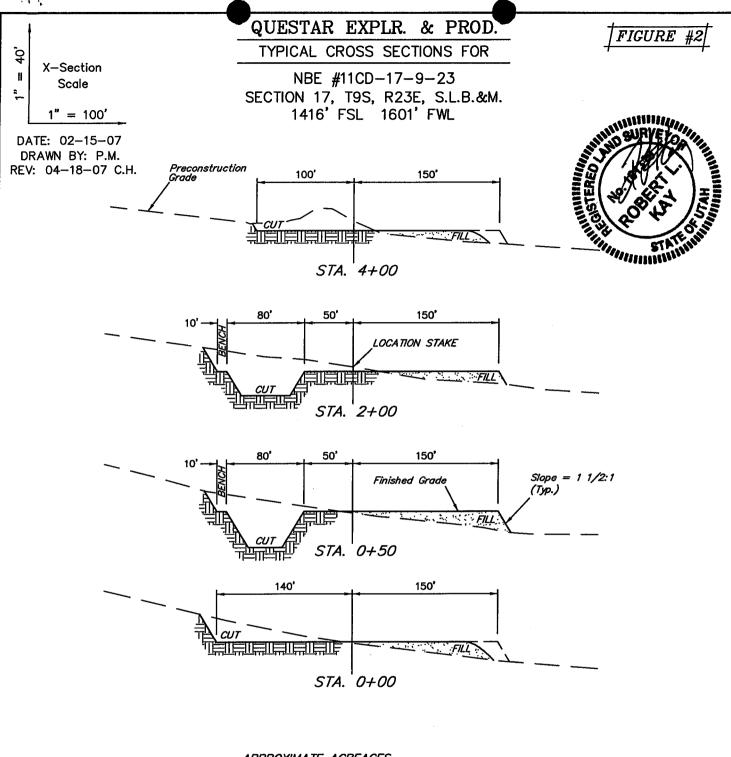
LOCATION PHOTOS

MONTH DAY YEAR

РНОТО

TAKEN BY: D.A. | DRAWN BY: L.K. | REV: 04-18-07 C.H.





APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = \pm 3.120 ACRES

ACCESS ROAD DISTURBANCE = ± 0.028 ACRES

PIPELINE DISTURBANCE = \pm 0.048 ACRES

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

 $TOTAL = \pm 3.196 ACRES$

* NOTE: FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

NOTE:

(6") Topsoil Stripping 2,360 Cu. Yds. Remaining Location = 13,340 Cu. Yds.

> TOTAL CUT *15,700* CU.YDS.

> **FILL** 10,370 CU.YDS.

= 5,330 Cu. Yds. **EXCESS MATERIAL**

Topsoil & Pit Backfill = *5,330* Cu. Yds.

(1/2 Pit Vol.)

EXCESS UNBALANCE O Cu. Yds. (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QUESTAR EXPLR. & PROD.

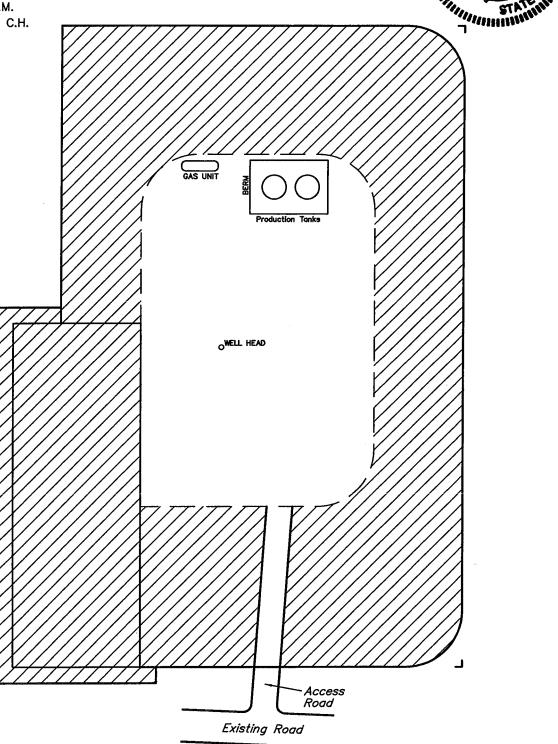
INTERIM RECLAMATION PLAN FOR

NBE #11CD-17-9-23 SECTION 17, T9S, R23E, S.L.B.&M. 1416' FSL 1601' FWL



15 3

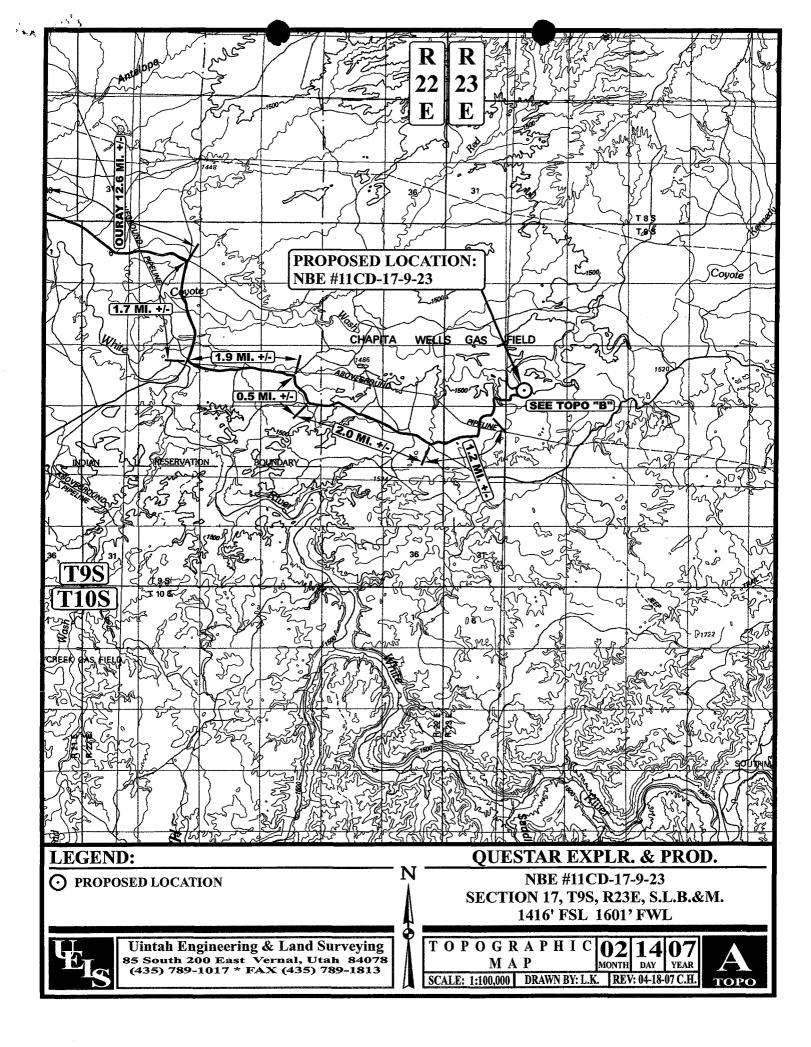
SCALE: 1" = 60'DATE: 02-15-07 DRAWN BY: P.M. REV: 04-18-07 C.H.

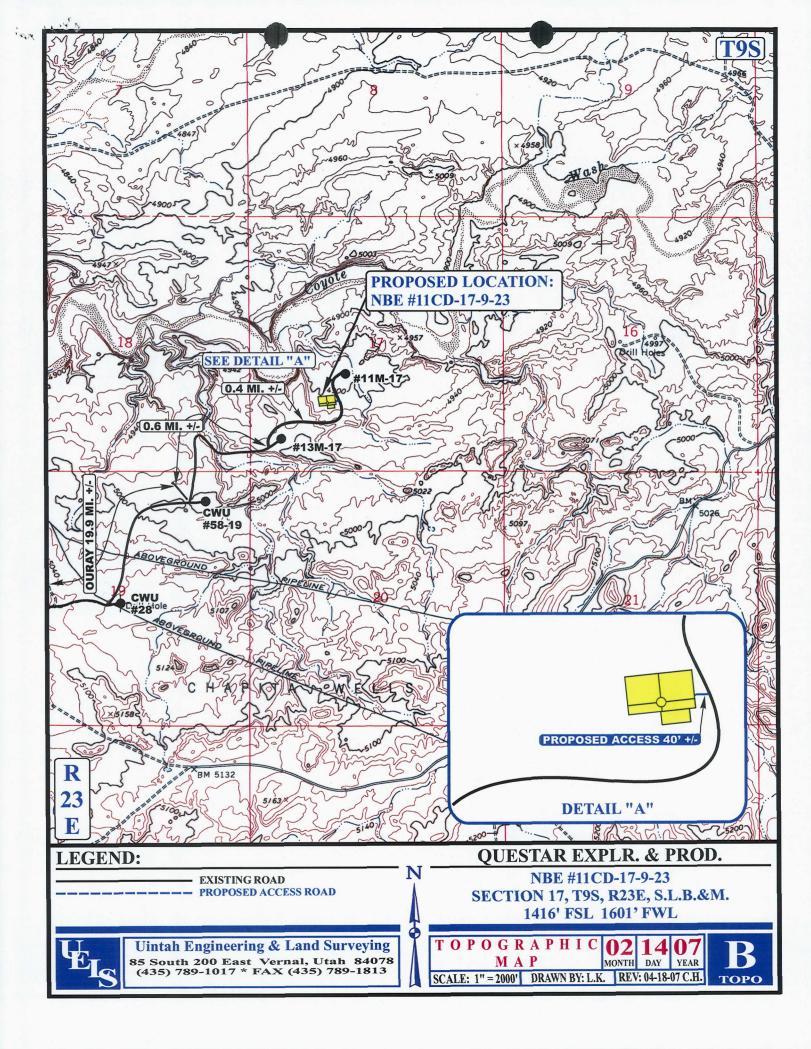


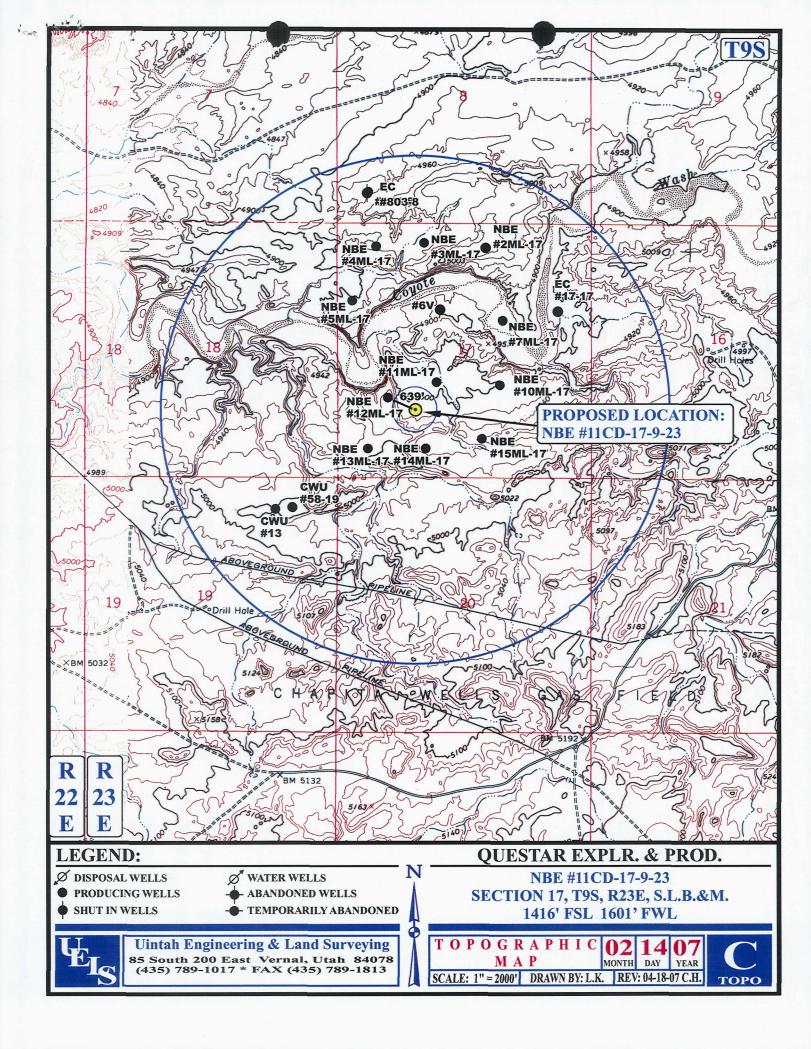


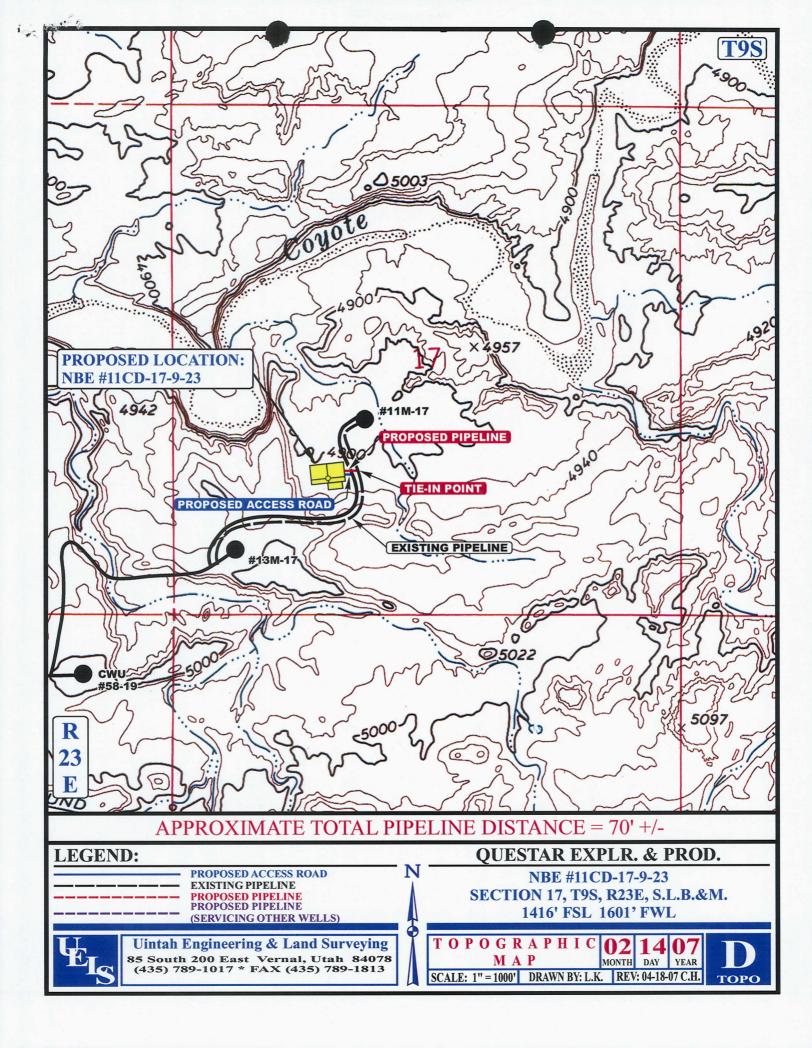
INTERIM RECLAMATION

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

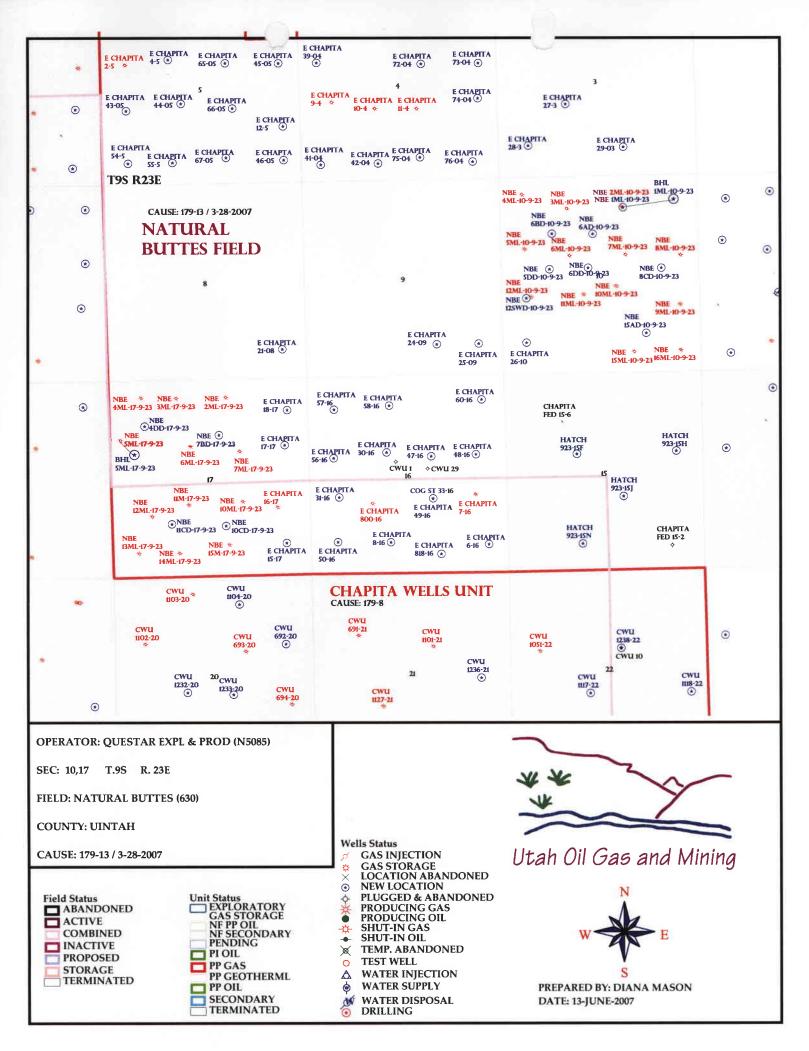








APD RECEIVED: 06/08/2007	API NO. ASS	IGNED: 43-04	7-39350
WELL NAME: NBE 11CD-17-9-23	***************************************		
OPERATOR: QUESTAR EXPLORATION & (N5085)	PHONE NUMBER:	435-781-403	32
	riiona nomali.	_	
CONTACT: JAN NELSON			
PROPOSED LOCATION:	INSPECT LOCA	IN BY: /	/
NESW 17 090S 230E SURFACE: 1416 FSL 1601 FWL	Tech Review	Initials	Date
BOTTOM: 1416 FSL 1601 FWL	Engineering		
COUNTY: UINTAH LATITUDE: 40.03268 LONGITUDE: -109.3538	Geology		
UTM SURF EASTINGS: 640464 NORTHINGS: 44324	72 Surface		
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-72634 SURFACE OWNER: 1 - Federal	PROPOSED FORM COALBED METHA	NE WELL? NO	'A
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING	:	
✓ Plat	R649-2-3.		
Bond: Fed[1] Ind[] Sta[] Fee[]			
(No. ESB000024)	Unit:		
Potash (Y/N)	R649-3-2. Gen	eral	
Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From		Between Wells
Water Permit	R649-3-3. Exc	eption & T	Jako 14
(No. 49-2153)	_ 	4. 7) HOPE
RDCC Review (Y/N)	R649-3-3. Exc Drilling Unit Board Cause N	Δ	(an Mar 1)
(Date:)	Board Cause N	o: <u>179-1</u>	3(20000)
	Eff Date:	3-28-0-	<u>, </u>
Fee Surf Agreement (Y/N)	Secting. Our	Canoe Orde	<u></u>
NA Intent to Commingle (Y/N)	R649-3-11. Di	rectional Dri	11
COMMENTS:	Sile		
STIPULATIONS: 1-Cedent Q	oprov (





11002 East 17500 South Vernal, UT 84078 Tel 435 781 4300 • Fax 435 781 4329

June 5, 2007

Division of Oil, Gas & Mining 1594 W. N. Temple STE 1210 Salt Lake City, UT 84114-5801

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 Questar Exploration & Production, Co. *NBE 7BD-17-9-23, NBE 4DD-17-9-23, NBE 10CD-17-9-23, NBE 11CD-17-9-23, NBE 6AD-10-9-23, NBE 6BD-10-9-23, NBE 5DD-10-9-23, NBE 8CD-10-9-23, NBE 15AD-10-9-23, NBE 6DD-10-9-23, NBE 8BD-26-9-23, NBE 3DD-26-9-23, NBE 3CD-26-9-23, NBE 7DD-26-9-23, NBE 12AD-26-9-23, NBE 5DD-26-9-23, NBE 13AD-26-9-23, NBE 14AD-26-9-23 and NBE 9CD-26-9-23 is an exception to this rule due to cause 179-13. These nineteen (19) wells will be drilled as exploratory test wells to the Dakota Formation drilled on 20 acre spacing.*

There are no additional lease owners within 460' of the proposed location. If you have any questions please contact Jan Nelson @ (435) 781-4032 or Nate Koeniger @ 303-672-6906.

Thank you,

Jan Nelson

Regulatory Affairs

JUN 0 8 2007
DIV. OF OIL, GAS & MINING

T9S. R23E. S.L.B.&M.

QUESTAR EXPLR. & PROD.

Well location, NBE #11CD-17-9-23, located as shown in the NE 1/4 SW 1/4 of Section 17, T9S, R23E, S.L.B.&M., Uintah County, Utah

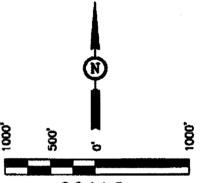
N89'58'11"W — 2584.09' (Meas.)

N 1/4 Cor. Sec. 1 1977 Bress Cap Inaide Pile of Store

1977 Brew Cap 0.5' High, Mound of Stance

BASIS OF ELEVATION

BENCH MARK (57 EAM) LOCATED IN THE NE 1/4 NE 1/4 OF SECTION 29, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5192 FEET.



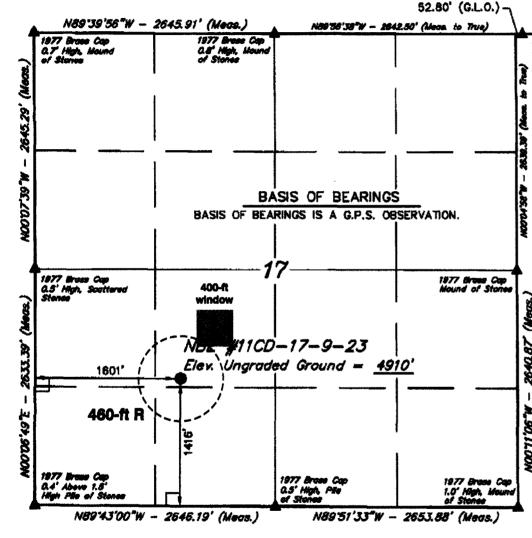
S C A L E

THIS IS TO CERTIFY THAT THE ABOUT THE AUTHOR OF ACTUAL SURVEY SUPERVISION AND THAT THE SAME BEST OF MY KNOWLEDGE AND THE SAME SAME SUPERVISION AND THAT THE SAME SUPERVISION AND THAT THE SAME SUPERVISION AND THE SAME SUPER

REVISED: 04-18-07 C.H.

Uintah Engineering & Land Surveying 86 SOUTH 800 BAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 0ATE DRAWN: 01-31-07 02-15-07		
PARTY D.A. B.M. P.M.	REFERENCES G.L.O. PLAT		
WEATHER	ULE		
COLD	QUESTAR EXPLR. & PROD.		



LEGEND:

= 90" SYMBOL

PROPOSED WELL HEAD.

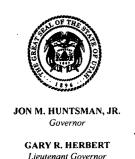
= SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83) LATITUDE = 40°01'57.48" (40.032633)

LONGITUDE = 109'21'16.28" (109.354522) (AUTONOMOUS NAD 27)

LATITUDE = 40'01'57.60" (40.032667)

LONGITUDE = 109'21'13.83" (109.353842)





MICHAEL R. STYLER Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

June 18, 2007

Questar Exploration & Production Company 1571 E 1700 S Vernal, UT 84078

Re:

NBE 11CD-17-9-23 Well, 1416' FSL, 1601' FWL, NE SW, Sec. 17, T. 9 South,

R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location for the Dakota Formation is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39350.

Sincerely,

All The

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	Questar Exploration & Production Company			
Well Name & Number	NBE 11CD-17-9	9-23		
API Number:	43-047-39350 UTU-72634			
Location: <u>NE SW</u>	Sec. 17	T. 9 South	R. 23 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NU UTU-72634	MBER:				
SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	:				
7. UNIT or CA AGREEMENT NAME:					
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.					
OIL WELL GAS WELL OTHER NBE 11CD-17-9-23 2. NAME OF OPERATOR:					
2. NAME OF OPERATOR: Questar Exploration & Production Co. 9. API NUMBER: 4304739350					
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-4331 NATURAL BUTTES					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1416' FSL 1601' FWL COUNTY: UINTAH					
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 17 9S 23E STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION TYPE OF ACTION					
NOTICE OF INTENT ACIDIZE DEEPEN REPERFORATE CURRENT FORM	ATION				
(Submit in Duplicate)					
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION TEMPORARILY ABANDON					
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR					
CHANGE TUBING PLUG AND ABANDON VENT OR FLARE					
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK WATER DISPOSAL					
Date of work completion: CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF					
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: APD EXTENSION OF WELL SITE	<u> </u>				
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
Questar Exploration & Production Co. hereby requests a 1 year extension on the NBE 11CD-17-9-23.					
Approved by the					
Utah Division of					
Oil, Gas and Mining					
Date: So-16-080					
COPY SENT TO OPERATOR BY					
Dy					
Initials: <u>K5</u> JUN 1 6 2008					
DIV. OF OIL, GAS & MINII	IG				
NAME (PLEASE PRINT) Laura Bills TITLE Associate Regulatory Affairs Analyst					
901110 42.10					
SIGNATURE DATE 6/10/2008					

(This space for State use only)

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

Well Name: Location:		/L, NESW, SEC. 17, T9S, R2		
•	mit Issued to: Permit Issued:	~	duction Co.	
above, hereby	verifies that the	legal rights to drill on t information as submitte mains valid and does n		
Following is a verified.	checklist of some	e items related to the ap	oplication, which should be	
	rivate land, has tl en updated? Yes	ne ownership changed, □No☑	if so, has the surface	
		he vicinity of the propo nts for this location? Ye	sed well which would affect es ☐ No ☑	
		er agreements put in pla roposed well? Yes⊡ N	ace that could affect the o☑	
		to the access route incluronsed location? Yes	uding ownership, or right- □ No ☑	
Has the approv	ved source of wa	ter for drilling changed	? Yes□No☑	
	ire a change in p	changes to the surface lans from what was dis	location or access route cussed at the onsite	
Is bonding still	in place, which c	covers this proposed we	ell? Yes⊠No□	
Sauce	a Bill	2	6/10/2008	
Signature			Date RECEIVED	
Title: Associate	Regulatory Affairs A	Analyst	JUN 1 6 2008	
Representing:	Questar Exploratio	on & Production Co.	DIV. OF OIL, GAS & MININ	1G

UNITED STATES

FORM APPROVED

5. LEASE DESIGNATION AND SERIAL NO.

		MEAGO: LAND	MAINA		18 - / AM IN- CC		310-1200-	
					M - / AM 10: 55	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME	
	APPLICA	ATION FOR F	PERMI	TO DRILL OF	CAPI (PARA CAPA A A A A A A A A A A A A A A A A A		N/A	
TYPE OF WORK	DRILL 🗵			BUREA Deepen []	U OF LAND MGMT.	7. UNIT AGREEMENT	NAME N/A	
TYPE OF WELL						8. FARM OR LEASE	NAME, WELL NO.	
	V		SINGLE	MULTIPLE	-			
OIL WELL	GAS WELL	OTHER	ZONE	ZONE	<i>₹</i>	NBE	11CD-17-9-23	
2. NAME OF OF	PERATOR		-	Contact: Jan Nels	son	9.API NUMBER:	_	
QUESTAR	EXPLORATION	& PRODUCTION	CO.	E-Mail: j	an.nelson@questar.com	43-047-	- 39350	
3. ADDRESS Telphone numbe						10. FIELD AND POOL, OR WILDCAT		
	E. 1700 S. Verr			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	781-4032 Fax 435-781-4045	NATURAL BUTTES		
4. LOCATION O	F WELL (Repor				d State requirements*)	11. SEC.,T, R, M, OR	BLK & SURVEY OR AREA	
At Surface			01' FWL,	NESW, SECTION 1	7, T9S, R23E			
	production zone						T9S, R23E SLB&M	
		NEAREST TOW	N OR PO	STOFFICE*		12. COUNTY OR PAR		
20 +/- SOUTH		ED LOCATION T	ONEAR	ERT	16.NO.OF ACRES IN LEASE	Uintah 17. NO. OF ACRES A	SSIGNED TO THIS WELL	
	OR LEASE LINE		O NEAR	. 51				
	st drig,unit line				1760.00		20	,
1416' +/-								
18.DISTANCE F	ROM PROPOSI	ED location to ne	arest we	ll, drilling,	19. PROPOSED DEPTH	20. BLM/BIA Bond No	o. on file	
completed, app	lied for, on this	lease, ft			14,185'	ESB000024		
639' +/-								
21. ELEVATION	IS (Show wheth	er DF, RT, GR, e	ct.)		22. DATE WORK WILL START	23. Estimated duration	on	
4907.9' GR					ASAP	20 days		
24. Attachment	s						· · · · · · · · · · · · · · · · · · ·	
	1.4.11					u - l - d to this forms		
•	•		e requirn	nents of Unshore C	Oil and Gas Order No. 1, shall be a		and an file (age	
 Well plat certifie A Drilling Plan 	ed by a registered	surveyor.			4. Bond to cover the operations unless	s covered by an existing b	ond on me (see	
_	Plan (if location is	on National Forest	System L	ands,	Item 20 above). 5. Operator certification.			
the SUPO shall	be filed with the a	ppropriate Forest S	Service Off	īce).	Such other site specific information	and/or plans as may be re	equired by the	
					authorized officer.	and plants as they are ye	4	
SIGNED_	Far	n Y (u)	Sh	Name (printed/typ	ed) Jan Nelson	DA'	TE 5/29/2007	
TITLE	Regulatory Aff	fairs		-				
(This space for Fede	ral or State office use)							
*								
PERMIT NO.				APPROVA	AL DATE			
Application approval does	not warrant or certify the	applicant holds any legal o	r equitable title	to those rights in the subject le	ase which would entitle the applicant to condicat operati	RECEIVED		
CONDITIONS OF A	APPROVAL, IF ANY	(: / /		Assista	ant Field Manager		MAR 11 2009	
ADDD01/55 51/	14			Lands &	Mineral Resources	MAR 2 3 2009		
APPROVED BY	Lfy Den	ugh		TITLE	. •	*	DATE	

CONFIDENTIAL

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL 07 PP 1629 A



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Questar Exploration & Production, Co

Location:

NESW, Sec. 17, T9S, R23E

Well No.

NBE 11CD-17-9-23

Lease No:

UTU-72634

API No:

43-047-39350

Agreement:

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	•
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	·
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
	•	Fax: (435) 781-3420	: .

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: NBE 11CD-17-9-23 3/6/2009

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- During operations, if any vertebrate paleontological resources are discovered, all operations
 affecting such sites shall be immediately suspended, and all discoveries shall be left intact until
 authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the
 Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the
 preferred alternative/course of action will be rendered.
- As in the APD, the operator has committed to not construct or drill from May 15th to June 20th to
 protect pronghorn while they are kidding. A survey may be conducted by a qualified biologist or
 a BLM representative during this timing period to determine if pronghorn are in the area.
- As in the APD, after the pit is closed, a 2-foot berm shall be constructed on the south side and maintained.

Page 3 of 6 Well: NBE 11CD-17-9-23 3/6/2009

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- At the 7" intermediate casing, a casing shoe formation integrity test shall be performed after drilling 20 feet or less, past the casing shoe.
- The 7" intermediate casing cement shall extend a minimum of 200 feet above the 9 5/8" surface casing shoe.
- The production casing cement shall extend a minimum of 200 feet above the 7" intermediate casing shoe.
- Logging program: Gamma Ray shall be run from TD to surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
 daily drilling report. Components shall be operated and tested as required by Onshore Oil &
 Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
 performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
 reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: NBE 11CD-17-9-23 3/6/2009

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
 is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
 Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum
 Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6
Well: NBE 11CD-17-9-23
3/6/2009

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
 notified when it is placed in a producing status. Such notification will be by written
 communication and must be received in this office by not later than the fifth business day
 following the date on which the well is placed on production. The notification shall provide, as a
 minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
 be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
 reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major
 Events" will be reported in writing within 15 days. "Minor Events" will be reported on the
 Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: NBE 11CD-17-9-23 3/6/2009

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
 Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
 and all future meter proving schedules. A copy of the meter calibration reports shall be
 submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
 standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
 measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
 to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
 first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
 adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
 sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior
 approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
 before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
 Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
 order that a representative may witness plugging operations. If a well is suspended or
 abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
 Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
 plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
 casing left in hole, and the current status of the surface restoration.

	STATE OF LITAH		FORM 9
	DEPARTMENT OF NATURAL RESOUR		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72634
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1416 FSL 1601 FWL QTR/QTR; SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 17 Township: 09.0S Range: 23.0E Meridian: S 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE TYPE OF SUBMISSION TO ACIDIZE OHANGE GEL STATUS OHANGE S/31/2009 OHANGE WELL STATUS OPERATOR CHANGE OPERATOR O		S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
bottom-hole depth, reenter plu	ugged wells, or to drill horizontal laterals	en existing wells below current . Use APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:
			8. WELL NAME and NUMBER: NBE 11CD-17-9-23
	ODUCTION CO		9. API NUMBER: 43047393500000
	rnal, UT, 84078 435 78	PHONE NUMBER: 1-4362 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
FOOTAGES AT SURFACE:			COUNTY: UINTAH
		n: S	STATE: UTAH
	CK APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
Approximate date work will start: 8/31/2009 SUBSEQUENT REPORT Date of Work Completion: SPUD REPORT Date of Spud: DRILLING REPORT Report Date:	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION DMPLETED OPERATIONS. Clearly show all p	ertinent details including dates, depths, ests a one year extension fo	NEW CONSTRUCTION □ PLUG BACK □ RECOMPLETE DIFFERENT FORMATION □ TEMPORARY ABANDON □ WATER DISPOSAL ✓ APD EXTENSION OTHER: volumes, etc.
NAME (DI FACE DOINT)	DHONE NIIMDE	R TITLE	
Laura Bills		Assoc. Regulatory Affairs Ana	lyst
SIGNATURE N/A		DATE 6/15/2009	

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: Well Name: Location: Company Permit Issued to: Date Original Permit Issued:
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No
Has the approved source of water for drilling changed? Yes No
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
Is bonding still in place, which covers this proposed well? Yes No
Signature Date
Title:
Representing:

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

(for state use only)

ROUTING
CDW

Change of Operator (Well Sold)				X -	Operator	· Name Chan	σe					
The operator of the well(s) listed below has char	ged, e	effecti	ve:		- Por acoz	6/14/2010	<u> </u>					
FROM: (Old Operator): N5085-Questar Exploration and Production Compa 1050 17th St, Suite 500 Denver, CO 80265	nny			TO: (New Operator): N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265								
Phone: 1 (303) 308-3048				Phone: 1 (303)	308-3048							
CA No.				Unit:								
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	1	WELL				
SEE ATTACHED					INO		TYPE	STATUS				
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed			•					L				
1. (R649-8-10) Sundry or legal documentation wa	s rece	ived f	rom the	FORMER ope	rator on:	6/28/2010						
2. (R649-8-10) Sundry or legal documentation wa	s rece	ived f	rom the	NEW operator	on:	6/28/2010	•					
 3. The new company was checked on the Departs 4a. Is the new operator registered in the State of U 5a. (R649-9-2)Waste Management Plan has been re 	Itah:			, Division of Co Business Number Requested		5 Database on: 764611-0143		6/24/2010				
5b. Inspections of LA PA state/fee well sites compl5c. Reports current for Production/Disposition & S	ete on undrie	: es on:	•	n/a ok	•							
6. Federal and Indian Lease Wells: The BL	M and	l or th	e BIA h	as approved the								
or operator change for all wells listed on Federa 7. Federal and Indian Units:	u or II	ndian I	leases of	n:	BLM	· 8/16/2010	BIA	not yet				
The BLM or BIA has approved the successor	ofuni	it oner	ator for	walls listed on		9/1//2010						
8. Federal and Indian Communization Ag	reem	ents ("CA"	wens nsted on.		8/16/2010						
The BLM or BIA has approved the operator f	or all	wells	listed w	ithin a CA on:		N/A						
9. Underground Injection Control ("UIC") Div	ision	has ap	proved UIC Fo	orm 5 Tran	sfer of Authori	ity to					
Inject, for the enhanced/secondary recovery un	it/proj	ect for	the wa	ter disposal wel	l(s) listed or	n:	6/29/2010					
DATA ENTRY:				•	()	•	0/25/2010	•				
1. Changes entered in the Oil and Gas Database	on:		_	6/30/2010								
2. Changes have been entered on the Monthly Op	erato	r Cha	nge Spi	read Sheet on:		6/30/2010						
 Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS on: 			-	6/30/2010								
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS o				6/30/2010								
6. Receipt of Acceptance of Drilling Procedures for	II. St. ADI)/Nor		6/30/2010	,							
BOND VERIFICATION:	n AFI	J/INCW	OII.		n/a							
1. Federal well(s) covered by Bond Number:				ESD00004								
2. Indian well(s) covered by Bond Number:			-	ESB000024 965010693								
3a. (R649-3-1) The NEW operator of any state/fee	well(s) liste	ed cove	red by Rond Nu	mhar	965010695						
3b. The FORMER operator has requested a release	oflia	bility	from the	eir bond on:		903010093						
LEASE INTEREST OWNER NOTIFICA	4TI)N·	rom m	on cond on.	n/a							
4. (R649-2-10) The NEW operator of the fee wells	has be	en coi	ntacted	and informed by	za letter fro	om the Division						
of their responsibility to notify all interest owners	is cha	nge on:	mioimou by	n/a	un me Division							
COMMENTS:												

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR CAS AND MINUS

DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER:		
		See attached		
SUNDRY NOTICES AND REPORTS ON N	WELLS	1 _		
0				
unit for such a second	hole depth, reenter plugged wells, or to proposals.	See attached		
OIL WELL GAS WELL OTHER		8. WELL NAME and NUMBER:		
2 NAME OF OPERATOR:				
Questar Exploration and Production Company $N5085$				
3. ADDRESS OF OPERATOR:	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:		
STATE OF ZIP COLOUR	(303) 672-6900	See attached		
FOOTAGES AT SURFACE: See attached		соинту: Attached		
SUNDRY NOTICES AND REPORTS ON WELLS See attached 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached 7. UNIT or CA AGREEMENT NAME: See attached 7. UNIT or CA AGREEMENT NAME: See attached 7. UNIT or CA AGREEMENT NAME: See attached 8. WELL NAME and NUMBER: See attached 9. API NUMBER: Attached 3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 4. LOCATION OF WELL COLUMN STATE Denver State CO ZIP 80265 See attached 7. UNIT or CA AGREEMENT NAME: See attached 9. API NUMBER: Attached 10. FIELD AND POOL, OR WILDCAT: See attached 7. UNIT or CA AGREEMENT NAME: See attached 9. API NUMBER: Attached 10. FIELD AND POOL, OR WILDCAT: See attached 9. API NUMBER: Attached 10. FIELD AND POOL, OR WILDCAT: See attached				
11 CHECK APPROPRIATE BOXES TO INDICATE NATU	JRE OF NOTICE, REPOR	RT. OR OTHER DATA		
		THE THE PARTY OF T		
✓ NOTICE OF INTENT ACIDIZE DEE		REPERFORATE CURRENT FORMATION		
(Submit in Dunlicate)	CTURE TREAT			
Approximate date work will start: CASING REPAIR NEV	V CONSTRUCTION			
C/14/2040				
SUBSEQUENT REPORT CHANGE WELL NAME				
(Submit Original Form Only)				
Date of work completion:				
Effective June 14, 2010 Questar Exploration and Production Components change involves only an internal corporate name change and no the employees will continue to be responsible for operations of the proposition of the pro	any changed its name to itrd party change of operation perties described on the analysis (24) \(\mathcal{H} \frac{3760}{3760} \)	QEP Energy Company. This name tor is involved. The same ttached list. All operations will		
NAME (PLEASE PRINT) Morgan Anderson	_{тітье} Regulatory Affairs	Analyst		
SIGNATURE / WIGHT (7Th all low	DATE 6/23/2010			
his space for State use only)				

RECEIVED

JUN 2 8 2010

(See Instructions on Reverse Side)

APPROVED 61301 2009
Carley Lussell
Division of Oil, Gas and Mining
Earlene Russell. Engineering Technician

	enec	uve Ju	ine 14,	2010					
well_name	se	c twp	rng	api	entity	mineral lease	type	stat	С
WEST RIVER BEND 3-12-10-15	12	1005	5 150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	1005	170E	4301332057	14543	Federal	OW	P	Ť
WEST DESERT SPRING 11-20-10-17	20			4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	0905	5 150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	0908	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35			4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35			4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35			4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35			4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34			4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	0908		4301333828	10220	Federal	OW	APD	C
GD 7G-34-9-15	34	090S		4301333829		Federal	ow	APD	C
GD 7G-35-9-15	35			4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S		4301333831		Federal	OW		
GD 15G-35-9-15	35			4301333832		Federal		APD	C
GD 16G-35-9-15	35	090S		4301333833	16921		OW	APD	C
GD 1G-35-9-15	35	090S		4301333834	10921	Federal		P	
GD 2G-35-9-15	35	090S		4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35			4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35			4301333836		Federal	OW	APD	C
GD 5G-35-9-15	35			4301333837		Federal	OW	APD	C
GD 6G-35-9-15	35			4301333838		Federal	OW	APD	C
GD 8G-34-9-15	34					Federal	OW	APD	C
GD 9G-34-9-15				4301333840		Federal	OW	APD	C
GD 10G-34-9-15	34			4301333841		Federal	OW	APD	C
GD 15G-34-9-15	34			4301333842			OW	APD	C
GD 16G-34-9-15	34			4301333843			OW	APD	C
GOVT 18-2	34			4301333844		Federal	OW	APD	C
FEDERAL 2-29-7-22	18	230S		4301930679	2575	Federal	OW	P	
UTAH FED D-1	29			4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14			4304715936	10699	Federal	GW	S	
PRINCE 1	25			4304715937	9295	Federal	GW	S	
UTAH FED D-4	10			4304716199	7035	Federal	GW	P	
	14			4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11			4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04			4304732493	11630	Federal		P	
PRINCE 4				4304732677	7035	Federal	ow	P	
GH 21 WG	21			1304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E 4	1304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E 4	1304732754	12003			P	
GH 22 WG	22	080S	210E 4	1304732818	12336			P	
OU GB 12W-20-8-22	20	080S	220E 4	1304733249	13488			<u>.</u> Р	
OU GB 15-18-8-22				1304733364	12690			P	
OU GB 3W-17-8-22				1304733513	12950			P	
OU GB 5W-17-8-22				304733514	12873			P	
WV 9W-8-8-22				304733515	13395			P	
OU GB 9W-18-8-22				304733516	12997			P P	
OU GB 3W-20-8-22				304733526	13514				
OU GB 12W-30-8-22				304733670				P	*
WV 10W-8-8-22				304733814	13380			P	
GH 7W-21-8-21				304733814	13450			P	
GH 9W-21-8-21				304733845 304733846	13050			P	
	141	0000	210E 4	JU4/JJ840	13074	Federal (GW []	P	

	CHECK	iv e Jui	ne 14, :	2010					
well_name	sec	twp	rng	api	entity	mineral lease	type	stat	С
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal		P	
WV 2W-9-8-21	09			4304733905	13676	Federal		P	-
WV 7W-22-8-21	22			4304733907	13230	Federal		P	
WV 9W-23-8-21	23			4304733909	13160	Federal		P	-
GH 14W-20-8-21	20			4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30			4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19			4304733946	13393	Federal	GW	P	+
OU GB 10W-30-8-22	30	080S		4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S		4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S		4304733960	13390	Federal		P	
SU 1W-5-8-22	05	080S		4304733985	13369	Federal	GW	P	†
SU 3W-5-8-22	05	+		4304733987	13321	Federal	ow	S	-
SU 7W-5-8-22	05			4304733988	13235	Federal	GW	P	1
SU 9W-5-8-22	05			4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05			4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05			4304733996	13240		GW	P	
WV 8W-8-8-22	08			4304734005	13320			P	
WV 14W-8-8-22	08			4304734007	13320	Federal		S	-
OU GB 6W-20-8-22	20			4304734018	13518		GW	P	-
OU GB 5W-30-8-22	30			4304734025	13518	Federal		P	
OU GB 11W-20-8-22	20			4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20			4304734043	13520				
GH 5W-21-8-21	$\frac{20}{21}$			4304734043			GW	P	
GH 6W-21-8-21	21			4304734148	13387		GW	P	
GH 8W-21-8-21	21			4304734148	13371 13293		GW	P	
GH 10W-20-8-21	20			4304734149		Federal	+	P	
GH 10W-21-8-21	21			4304734151	13328	Federal		P	
GH 12W-21-8-21	$\frac{21}{21}$			4304734152	13378	Federal		P	
GH 14W-21-8-21	21			4304734153	13294			P	
GH 16W-21-8-21	21			4304734154	13292	Federal		P	<u> </u>
WV 2W-3-8-21	03			4304734137	13329			P	
OU GB 5W-20-8-22				4304734207	13677			P	
WV 6W-22-8-21					13414	Federal		P	ļ
GH 1W-20-8-21	20			4304734272 4304734327	13379	Federal		<u>P</u>	ļ
GH 2W-20-8-21					13451	Federal		P	
GH 3W-20-8-21				4304734328	13527	Federal		P	
GH 7W-20-8-21 GH 7W-20-8-21				4304734329	13728			<u>P</u>	
GH 9W-20-8-21	20			4304734332	13537	Federal		P	
GH 11W-20-8-21	20			4304734333	13411	Federal		P	
GH 15W-20-8-21				4304734334	13410	Federal		P	ļ
GH 15W-20-8-21 GH 16W-20-8-21				4304734335	13407	Federal		P	
WV 12W-23-8-21				4304734336	13501	Federal		P	
				4304734343	13430	Federal		P	
OU GB 13W-20-8-22				4304734348	13495	Federal		P	
OU GB 14W-20-8-22				4304734349	13507	Federal		P	
OU GB 11W-29-8-22				4304734350	13526	Federal		P	
SU PURDY 14M-30-7-22				4304734384	13750	Federal		S	
WVX 11G-5-8-22				4304734388	13422	Federal		P	
WVX 13G-5-8-22				4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22				4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

			ie 14, 2						
well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	1
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal		P	
SU 10W-5-8-22	05	***************************************		4304734456	13540	Federal		P	
WV 16W-8-8-22	08	080S	***********	4304734470	13508	Federal		P	
OU GB 16WX-30-8-22	30	080S		4304734506	13431	Federal	GW	P	+
OU GB 1W-19-8-22	19			4304734512	13469	Federal		P	-
OU GB 2W-19-8-22	19			4304734513	13461	Federal		P	_
OU GB 5W-19-8-22	19			4304734514	13460	Federal		P	-
OU GB 7W-19-8-22	19			4304734515	13462	Federal		P	-
OU GB 8W-19-8-22	19			4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19			4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19			4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	***		4304734528	13470	Federal			
OU GB 3W-30-8-22	30	080S		4304734528			GW	S	
OU GB 6W-30-8-22	30	080S		4304734529	13493	Federal	GW	P	
OU GB 7W-30-8-22					13519	Federal	GW	P	
OU GB 8W-30-8-22	30	080S		4304734531	13494	Federal	+	P	
	30		***************************************	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30			4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19			4304734534	13475	Federal		P	
OU GB 10W-19-8-22	19			4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19			4304734536	13478	***	GW	P	
OU GB 14W-19-8-22	19			4304734537	13484	Federal		P	
OU GB 15W-19-8-22	19			4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17			4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17			4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17			4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal		P	
OU GB 2W-17-8-22	17			4304734559	13539		GW	P	1
OU GB 7W-17-8-22	17			4304734560	13599		GW	P	
OU GB 16W-18-8-22	18			4304734563	13559	Federal	 	P	
OU GB 1W-29-8-22	29			4304734573	13562	Federal		P	
OU GB 7W-29-8-22	29			4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22				4304734575	13609	Federal	GW	S	-
OU GB 9W-29-8-22	******			4304734576	13551	Federal	GW	P	+
OU GB 10W-29-8-22				4304734577					
OU GB 15W-29-8-22	29			4304734578	13594	Federal		P	
OU GB 2W-20-8-22					13569	Federal	·	P	
OU GB 2W-20-8-22				4304734599	13664	Federal		P	
OU GB 2W-29-8-22 OU GB 15W-17-8-22				4304734600	13691	Federal	GW	P	
				4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22				4304734602	13639	Federal		P	-
OU GB 16W-29-8-22				4304734603	13610		GW	P	
OU GB 1W-20-8-22				4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22				4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

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OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20			4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal		P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal		P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	1
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21 -8 -22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21			4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21			4304734693	14001	Federal	GW	P	
OU GB 5G-19 - 8-22	19			4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20			4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15			4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15			4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15			4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22				4304734713	13775	Federal	GW	P	-
OU SG 12W-15-8-22	15			4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15			4304734715	13900	Federal	GW	P	+
OU SG 8W-15-8-22	15			4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15			4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15			4304734719	13773	Federal	GW	P	-
OU SG 2MU-15-8-22	15			4304734721	13887	Federal	GW	P	-
OU SG 7W-15-8-22				4304734722	13920	Federal	GW	P	-
OU GB 14SG-29-8-22				4304734743	14034	Federal	GW	P	+
OU GB 16SG-29-8-22				4304734744	13771	Federal	GW	P	-
OU GB 13W-10-8-22				4304734754	13771		GW	P	
OU GB 6MU-21-8-22				4304734755	14012	Federal		P	
OU SG 10W-10-8-22				4304734764	13751	Federal	GW	P	-
OU GB 14M-10-8-22				4304734768	13731	Federal		P	-
OU SG 9W-10-8-22				4304734783	13725	Federal	GW GW	P	
OU SG 16W-10-8-22				4304734784	13723	Federal		P	
SU BW 6M-7-7-22				4304734784			GW		
GB 3M-27-8-21				4304734837	13966	Federal		P	+
WVX 11D-22-8-21				4304734900	14614	Federal	GW	P	
GB 11M-27-8-21				4304734902 4304734952	14632	Federal	GW	P	
GB 9D-27-8-21					13809	Federal	GW	P	
GB 1D-27-8-21				4304734956 4304734957	14633	Federal	GW	P	
WRU EIH 2M-35-8-22				4304734957	14634	Federal	GW	P	-
GH 12MU-20-8-21					13931	Federal		P	
OU SG 4W-11-8-22				4304735069	14129	Federal		P	
OU SG 4W-11-8-22				4304735071	14814	Federal	GW	OPS	C
				4304735072	14815	Federal	GW	OPS	С
SG 6ML-11-8-22		****		4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22				4304735076	13989	Federal	GW	P	<u> </u>
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

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SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	<u> </u>
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	-
SG 12MU-23-8-22	23			4304735188	14412	Federal	GW	P	1
SG 13MU-23-8-22	23			4304735190	14103		GW	P	
WH 7G-10-7-24	10			4304735241	14002	Federal		S	
GB 4D-28-8-21	28			4304735246	14645	Federal		P	
GB 7M-28-8-21	28			4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28			4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23			4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14			4304735328	14338	Federal	GW	P	-
EIHX 14MU-25-8-22	25			4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25			4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10			4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17			4304735334	14000	Federal	GW	P	ļ
NBE 4ML-26-9-23	26			4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11			4304735333	14635		GW	S	
SG 1MU-11-8-22	11	******		4304735374	14033	Federal	GW	P	
OU SG 13W-11-8-22	11			4304735373	14279	Federal		ļ	
SG 3MU-11-8-22	11			4304735377	14798	Federal	GW	OPS P	C
SG 8MU-11-8-22	11			4304735379	14616	Federal	GW	P	
SG 2MU-11-8-22	11			4304735380	14636		+	P	
SG 10MU-11-8-22	11			4304735381		Federal	-	P	
SU 11MU-9-8-21	09	~~~~~~		4304735412	14979	Federal	GW		ļ
OU GB 8MU-10-8-22	10			4304735412	14143	Federal	GW	P	
EIHX 2MU-25-8-22	25			4304735422	15321	Federal	GW	OPS	C
EIHX 1MU-25-8-22	25			4304735427	14666	Federal	GW	P	
EIHX 7MU-25-8-22					14705	Federal		P	
EIHX 8MU-25-8-22				4304735429	14682			P	
EIHX 9MU-25-8-22				4304735430	14706	Federal		P	
EIHX 9MO-25-8-22 EIHX 16MU-25-8-22				4304735433	14558	Federal	GW	P	
EIHX 15MU-25-8-22				4304735434	14502	Federal		P	
EIHX 19MU-25-8-22 EIHX 10MU-25-8-22				4304735435	14571	Federal		P	
	25			4304735436	14537		GW	P	
GB 3MU-3-8-22 NBE 15M-17-9-23				4304735457	14575	Federal		P	
				4304735463	14423	Federal		P	
NBE 7ML-17-9-23				4304735464	14232			P	
NBE 3ML-17-9-23				4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23				4304735466	14431	Federal		P	
NBE 10ML-10-9-23				4304735650	14377	Federal		P	
NBE 6ML-10-9-23				4304735651	14422	~		P	
NBE 12ML-17-9-23				4304735652	14278	Federal		P	
NBE 6ML-26-9-23				4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23				4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	2080	220F	4304735829	14486	Federal		P	

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RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	1008	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal		P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21			4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12			4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	+
NBE 8ML-10-9-23	10			4304736099	15733	Federal		P	
NBE 16ML-10-9-23	10			4304736100	14728	Federal		S	
SUBW 14M-7-7-22	07			4304736136	15734	Federal	GW	P	-
NBE 8ML-12-9-23	12			4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28			4304736260	14981	Federal	GW	P	-
NBE 5ML-10-9-23	10			4304736353	15227	Federal	GW	P	-
NBE 7ML-10-9-23	10			4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10			4304736356	15393	Federal		P	
EIHX 4MU-36-8-22	36			4304736444			GW		
EIHX 3MU-36-8-22	36			4304736445	14875	Federal	GW	P	
EIHX 2MU-36-8-22	36			4304736446	14860	Federal	GW	P	
EIHX 1MU-36-8-22	36				14840	Federal	GW	S	-
NBE 7ML-26-9-23				4304736447	14861	Federal	GW	P	
NBE 8ML-26-9-23	26			4304736587	16008	Federal	GW	P	
NBE 1ML-26-9-23	26			4304736588	15689	Federal	GW	P	
NBE 2ML-26-9-23	26			4304736589	15880	Federal	GW	P	
NBE 3ML-26-9-23	26			4304736590	15898	Federal	GW	S	
	26			4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26			4304736592	15839		GW	P	
NBE 9ML-10-9-23	10			4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10			4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10			4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17			4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17			4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088		GW	P	1
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal			
NBE 10D-26-9-23	26	090S	230E 4	4304736620	15975		GW	S	1
NBE 12ML-26-9-23				4304736621	15840			P	
NBE 13ML-26-9-23				4304736622	15690			P	+
NBE 14ML-26-9-23				4304736623	15262			P	
NBE 16ML-26-9-23				4304736624	15735			P	
WF 1P-1-15-19				4304736781	14862			P	
SG 3MU-23-8-22				4304736940	15100			P	
NBE 5ML-17-9-23				4304736941	15100			r P	
TU 14-9-7-22				4304737345	16811		GW GW	OPS	<u></u>
WF 14C-29-15-19				4304737541					C
NBE 2ML-10-9-23				4304737341 4304737619	15178			P	ļi
GB 16ML-20-8-22				4304737619 4304737664	15860			P	
WVX 8ML-5-8-22				+304737664 +304738140	15948			P	
WVX 6ML-5-8-22								APD	С
WVX 1MU-17-8-21				1304738141				APD	C
GH 8-20-8-21				1304738156				APD	C
WVX 4MU-17-8-21				1304738157				APD	C
W V A HIVIU-1/-0-21	17	080S	210E 4	1304738190		Federal	GW	APD	C

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WVX 16MU-18-8-21	18	080S	2100	4304738191		lease	-		
GH 7D-19-8-21	19				1,6000	Federal		APD	C
WF 8C-15-15-19	15			4304738267	16922	Federal		P	
WVX 1MU-18-8-21	18			4304738405	17142	Indian	GW	OPS	C
WVX 9MU-18-8-21	18			4304738659		Federal	GW	APD	C
GB 12SG-29-8-22	29			4304738660	1.500.5	Federal	GW	APD	C
GB 10SG-30-8-22	30			4304738766	16096	Federal	GW	S	
FR 14P-20-14-20	20			4304738767	16143	Federal	GW	S	
SU 11M-8-7-22	08			4304739168	16179	Federal	GW	P	
HB 2M-9-7-22				4304739175		Federal	GW	APD	C
SUMA 4M-20-7-22	09			4304739176		Federal	GW	APD	C
SU 16M-31-7-22	20			4304739177		Federal	GW	APD	C
FR 13P-20-14-20	31			4304739178		Federal	GW	APD	C
SG 11BML-23-8-22	20			4304739226	16719	Federal	GW	P	
SG 12DML-23-8-22	23			4304739230		Federal	GW	APD	C
GB 1CML-29-8-22	23			4304739231		Federal	GW	APD	C
NBE 8CD-10-9-23	29			4304739232	-	Federal	GW	APD	C
	10			4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10			4304739342			GW	APD	C
NBE 6DD-10-9-23	10			4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10			4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10			4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10			4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17			4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17			4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17			4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17			4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354			GW	APD	C
NBE 12AD-26-9-23	26			4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26			4304739356			GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358					C
NBE 9CD-26-9-23	26	090S	230E	4304739359			GW	APD	C
FR 9P-20-14-20	20			4304739461	17025		GW	S	
FR 13P-17-14-20	17			4304739462			GW	APD	C
FR 9P-17-14-20	17			4304739463	16829			P	
FR 10P-20-14-20				4304739465	10027		GW	APD	С
FR 5P-17-14-20				4304739509			GW	APD	+
FR 15P-17-14-20	17			4304739510			GW	APD	C C
FR 11P-20-14-20				4304739587					
FR 5P-20-14-20				4304739588				APD	C
FR 9P-21-14-20				4304739589				APD	C
FR 13P-21-14-20	21			4304739389				APD	C
GB 7D-27-8-21	*********			4304739390				APD	C
GB 15D-27-8-21				4304739662	16020				C
WV 13D-23-8-21				4304739662 4304739663	16830			P	
WV 15D-23-8-21				+304739663 +304739664	16813			P	
FR 14P-17-14-20				1304739807	16924	***************************************		P	
FR 12P-20-14-20									<u>C</u>
	∠∪	1405	∠UUE 4	1304739808		Federal	GW	APD	C

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FR 6P-20-14 - 20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S		4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	T
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	С
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	С
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	1
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3100 (UT-922)

JUL 2 8 2010

Memorandum

To:

Vernal Field Office, Price Field Office, Moab Field Office Roja L Bankut

From:

Chief, Branch of Minerals

Subject:

Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from Questar Exploration and Production Company into QEP Energy Company is effective June 8, 2010.

cc:

MMS UDOGM

AUG 1 6 2010

DIV. OF OIL, GAS a nin

STATE OF UTAH		FORM 9	
	DEPARTMENT OF NATURAL RESOURD DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72634
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBE 11CD-17-9-23
2. NAME OF OPERATOR: QUESTAR EXPLORATION & PR	ODUCTION CO		9. API NUMBER: 43047393500000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Ve	rnal, UT, 84078 303 308	PHONE NUMBER: 3-3068 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1416 FSL 1601 FWL OTR/OTR, SECTION, TOWNSHI	TD DANGE MEDIDIAN.		COUNTY: UINTAH
	Township: 09.0S Range: 23.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
6/18/2011	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATION	NS CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	■ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all po	ertinent details including dates, dent	hs volumes etc
	and Production Company he		r
extensi	on for the APD on the above	captioned well.	Approved by the
			Utah Division of Oil, Gas and Mining
			On, Gas and Mining
			Date: June 16, 2010
			- R 00201/10
			By: Day Har
NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBE 435 781-4331	R TITLE Permit Agent	
SIGNATURE		DATE	
N/A		6/16/2010	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047393500000

API: 43047393500000 **Well Name:** NBE 11CD-17-9-23

Location: 1416 FSL 1601 FWL QTR NESW SEC 17 TWNP 090S RNG 230E MER S

Company Permit Issued to: QUESTAR EXPLORATION & PRODUCTION CO

Date Original Permit Issued: 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
• Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No Utah Division of Oil, Gas and Mining

Signature: Jan Nelson **Date:** 6/16/2010

Title: Permit Agent Representing: QUESTAR EXPLORATION & PRODUCTIO Pate: June 16, 2010

Bv:

For 2770-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT EB 2 8 2011

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010 rial No.

	Lease Serial
٥.	
	11T1172634

Do not uso th	is form for proposals to	drill or to r				01072034	
abandoned we	ell. Use form 3160-3 (AP	PD) for such	propos	as N	Å	6. If Indian, Allottee	or Tribe Name
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or I			
1. Type of Well		····				8. Well Name and No	
☐ Oil Well 🔀 Gas Well 🗖 Oi	her					NBE 11CD-17-9-	
2. Name of Operator	Contact:	JAN NELSC			·	9. API Well No.	
QEP ENÈRGY COMPANY	E-Mail: jan.nelson					43-047-39350-	
3a. Address 11002 EAST 17500 SOUTH		3b. Phone N Ph: 435.7				10. Field and Pool, or NATURAL BUT	r Exploratory
VERNAL, UT 84078		Fx: 435.78					
4. Location of Well (Footage, Sec.,		n)			-	 County or Parish, 	and State
Sec 17 T9S R23E NESW 14	16FSL 1601FWL					UINTAH COUN	ITY, UT
				•			
12. CHECK APP	ROPRIATE BOX(ES) TO	O INDICATI	E NATU	JRE OF N	IOTICE, RI	EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION				TYPE OF	ACTION		
Notice of Intent	Acidize	□ Dec	epen		Product	ion (Start/Resume)	Water Shut-Off
. •	Alter Casing	_	cture Tre	eat	☐ Reclama		☐ Well Integrity
☐ Subsequent Report	Casing Repair	□ Nev	w Constr	uction	Recomp	lete	_
Final Abandonment Notice	☐ Change Plans	□ Plu	g and Al	andon	☐ Tempor	arily Abandon	Other Change to Origina PD
	Convert to Injection	\square Plu	g Back		□ Water D	Disposal	10
following completion of the involved testing has been completed. Final Al determined that the site is ready for f	inal inspection.)	ed only after all	l requirem	ents, includ	ing reclamation	n, have been completed,	and the operator has
QEP ENERGY COMPANY HE	EREBY REQUESTS A TV	VO YEAR EX	KTENSI	ON FOR T	HE APD O	N THE ABOVE CAR	PTIONED WELL.
BLM APPROVAL DATE: 3/11	/2009				VEDNI	AL FIELD OFFICE	
					2000		ĀR 1 4 2011
					ENG	i i i i i i i i i i i i i i i i i i i	on and and and and and and and and and an
					GEOL.		-
					E.S.	## · · · · · · · · · · · · · · · · · ·	
CONDITIONS OF A	PROVAL ATTACHED)					
Common to the second of the se		•			PET		
14. I hereby certify that the foregoing is	true and correct				RECL.		T PENALODA
14. I holedy certify that the foregoing is	Electronic Submission #1	03336 verifie NERGY COMF	d by the	BLM Well	Information	System REC	EIVED
Com	mitted to AFMSS for proces	ssing by ROB	IN R. HA	NSEN on	vernai 02/28/2011 ([.]	11RRH1336SE)	LIVED
Name (Printed/Typed) JAN NELS	SON		Title	PERMIT	AGENT	APR	1 1 2011
Signature (Electronic S	ubmission)		Date	02/28/20	11	DIV. OF OIL, (GAS & MINING
	THIS SPACE FO	R FEDERA	L OR	STATE C	FFICE US	BE	
1.11	1		T	Assi	stant Field	Manager	MAR 2 4 2011
Approved By Jy Kernaf			Title		& Mineral		MAR 2 4 2011
Conditions of approval if any, are attached certify that the applicant holds legal or equivalent holds legal or	itable title to those rights in the	not warrant or subject lease			VEDNA	L FIELD OFFICE	
which would entitle the applicant to condu	ct operations thereon.		Office		A per g f i A bef	will Will Will Will Will Will Will Will	3 .

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL

QEP Energy Company

Notice of Intent APD Extension

Lease:

UTU-72634

Well:

NBE 11CD-17-9-23

Location:

NESW Sec 17-T9S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The APD extension shall expire on 3/11/13.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Carey Doyle of this office at (435) 781-3406

RECEIVED

APR 1 1 2011

Sundry Number: 15971 API Well Number: 43047393500000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72634
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBE 11CD-17-9-23
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047393500000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Ver		NUMBER: 88 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1416 FSL 1601 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 17	IP, RANGE, MERIDIAN: Township: 09.0S Range: 23.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE ☐	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
6/18/2012	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN ☐	FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion:	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
QEP ENERGY COMPAN	OMPLETED OPERATIONS. Clearly show all pertin NY HEREBY REQUESTS A ONE Y PD ON THE ABOVE CAPTIONED	EAR EXTENSION FOR TH WELL.	Approved by the Utah Division of Oil, Gas and Mining Date: 06/20/2011
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst	
SIGNATURE N/A		DATE 6/16/2011	

Sundry Number: 15971 API Well Number: 43047393500000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047393500000

API: 43047393500000 **Well Name:** NBE 11CD-17-9-23

Location: 1416 FSL 1601 FWL QTR NESW SEC 17 TWNP 090S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Valyn Davis **Date:** 6/16/2011

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

Sundry Number: 26754 API Well Number: 43047393500000

			The state of the s
	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72634
SUNDR	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly do reenter plugged wells, or to drill horizont in for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBE 11CD-17-9-23
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047393500000
3. ADDRESS OF OPERATOR: 11002 East 17500 South,		PHONE NUMBER: 308-3068 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1416 FSL 1601 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 17 Township: 09.0S Range: 23.0E Meridia	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
,	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
6/18/2013	CHANGE WELL STATUS	TYPE OF ACTION ALTER CASING	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:
QEP ENERGY COMPA	COMPLETED OPERATIONS. Clearly show all ANY HEREBY REQUESTS A ONE APD ON THE ABOVE CAPTIONE	YEAR EXTENSION FOR	Approved by the Utah Division of Oil, Gas and Mining Date: June 18, 2012 By:
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBE 435 781-4369	R TITLE Regulatory Affairs Analyst	
SIGNATURE N/A		DATE 6/14/2012	

Sundry Number: 26754 API Well Number: 43047393500000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047393500000

API: 43047393500000 Well Name: NBE 11CD-17-9-23

Location: 1416 FSL 1601 FWL QTR NESW SEC 17 TWNP 090S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

· · · · · · · · · · · · · · · · · · ·	c rotate to the approximent, there are no rotate as	
 If located on private land, has Yes No 	the ownership changed, if so, has the surface agreement been updated? 🔵	
 Have any wells been drilled in requirements for this location 	the vicinity of the proposed well which would affect the spacing or siting?	
Has there been any unit or oth proposed well? Yes	ner agreements put in place that could affect the permitting or operation of th No	is
Have there been any changes proposed location? Yes	to the access route including ownership, or rightof- way, which could affect tl	he
• Has the approved source of w	ater for drilling changed? 🔘 Yes 📵 No	
	changes to the surface location or access route which will require a change in d at the onsite evaluation? 🔵 Yes 連 No	I
• Is bonding still in place, which	covers this proposed well? 📵 Yes 🔘 No	
nature: Valvn Davis	Date: 6/14/2012	

Sig

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

Sundry Number: 39108 API Well Number: 43047393500000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-72634
SUNDR	RY NOTICES AND REPORTS C	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBE 11CD-17-9-23
2. NAME OF OPERATOR: QEP ENERGY COMPANY			9. API NUMBER: 43047393500000
3. ADDRESS OF OPERATOR: 11002 East 17500 South,		PHONE NUMBER: 308-3068 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1416 FSL 1601 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 17 Township: 09.0S Range: 23.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE [ALTER CASING	CASING REPAIR
Approximate date work will start: 6/18/2014	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
0/10/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION
Nopen Suite	WILDCAT WELL DETERMINATION	OTHER	OTHER:
QEP ENERGY COMPA	COMPLETED OPERATIONS. Clearly show all ANY HEREBY REQUESTS A ONE APD ON THE ABOVE CAPTIONE	E YEAR EXTENSION FOR	Approved by the Utah Division of Oil, Gas and Mining Date: June 19, 2013 By:
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBE 435 781-4369	R TITLE Regulatory Affairs Analyst	
SIGNATURE N/A		DATE 6/18/2013	

Sundry Number: 39108 API Well Number: 43047393500000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047393500000

API: 43047393500000 Well Name: NBE 11CD-17-9-23

Location: 1416 FSL 1601 FWL QTR NESW SEC 17 TWNP 090S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/18/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No	
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No 	
 Has there been any unit or other agreements put in place that could affect the permitting or operation of t proposed well? Yes No 	his
Have there been any changes to the access route including ownership, or rightof- way, which could affect proposed location? Yes No	the
• Has the approved source of water for drilling changed? Yes No	
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No 	n
• Is bonding still in place, which covers this proposed well? 📵 Yes 🔘 No	
nature: Valyn Davis Date: 6/18/2013	

Sig

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html



June 13, 2013

IN REPLY REFER TO: 3160 (UTG011)

Jan Nelson QEP Energy Company 11002 E. 17500 S. Vernal, UT 84078

43 047 39350

Re:

Notice of Expiration

Well No. NBE 11CD-26-9-23 NESW, Sec. 17, T9S, R23E Uintah County, Utah Lease No. UTU-72634

Dear Ms. Nelson:

The Application for Permit to Drill (APD) for the above-referenced well was approved on March 11, 2009. A two (2) year extension of the original APD was requested. The request was reviewed and the extension approved until March 11, 2013. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

RECEIVED

/s/ Jerry Kenczka

JUN 2 5 2013

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources

DIV. OF OIL, GAS & MINING

CC:

UDOGM

bcc:

Well File

I&E Asst.



GARY R. HERBERT Governor

SPENCER J. COX Lieutenant Governor

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

July 9, 2014

Valyn Davis **QEP Energy Company** 11002 East 17500 South Vernal, UT 84078

Re:

APDs Rescinded for QEP Energy Company, Uintah County

Dear Ms. Davis:

Enclosed find the list of APDs that you asked to be rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective July 2, 2014.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Environmental Scientist

cc:

Well File

Bureau of Land Management, Vernal



	43-047-52673	DS 16G-8-10-18	
	43-047-39342	NBE 15AD-10-9-23	
	43-047-39343	NBE 6DD-10-9-23	
	43-047-39344	NBE 6AD-10-9-23	
	43-047-39345	NBE 6BD-10-9-23	
	43-047-39347	NBE 7BD-17-9-23	
_	43-047-39350	NBE 11CD-17-9-23	
	43-047-39352	NBE 3DD-26-9-23	
	43-047-39353	NBE 3CD-26-9-23	
	43-047-39354	NBE 7DD-26-9-23	
	43-047-39355	NBE 12AD-26-9-23	
	43-047-39356	NBE 5DD-26-9-23	
	43-047-39357	NBE 13AD-26-9-23	
	43-047-39358	NBE 14AD-26-9-23	
	43-047-39359	NBE 9CD-26-9-23	

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